

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101323AL\
 Data File : FE044849.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2023 18:31
 Operator : YP\AJ
 Sample : 04878-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 00:27:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.911	8430359	42.054 ug/ml
Spiked Amount 50.000		Recovery =	84.11%
12) S 1-chlorooctadecane (S...	13.353	5214812	35.239 ug/ml
Spiked Amount 50.000		Recovery =	70.48%
Target Compounds			
5) T A~2-methylnaphthalene...	7.338	37186	0.206 ug/ml
6) T n-Tetradecane (C14)	8.502	1141695	6.658 ug/ml
7) T n-Hexadecane (C16)	10.150	147097	0.841 ug/ml
8) T n-Octadecane (C18)	11.587	605066	3.469 ug/ml
10) T n-Eicosane (C20)	12.907	368289	2.205 ug/ml
11) T n-Heneicosane (C21)	13.521	244704	1.501 ug/ml
13) T n-Docosane (C22)	14.103	205318	1.284 ug/ml
14) T n-Tetracosane (C24)	15.184	461612	2.974 ug/ml
15) T n-Hexacosane (C26)	16.238	336496	2.241 ug/ml
16) T n-Octacosane (C28)	17.185	751457	5.117 ug/ml
17) T n-Tricontane (C30)	18.075	825061	5.547 ug/ml
18) T n-Dotriacontane (C32)	18.920	1112197	7.410 ug/ml
19) T n-Tetratriacontane (C34)	19.697	376499	2.529 ug/ml
20) T n-Hexatriacontane (C36)	20.434	340054	2.212 ug/ml
21) T n-Octatriacontane (C38)	21.172	325952	2.087 ug/ml
22) T n-Tetracontane (C40)	22.144	1372428	8.212 ug/ml

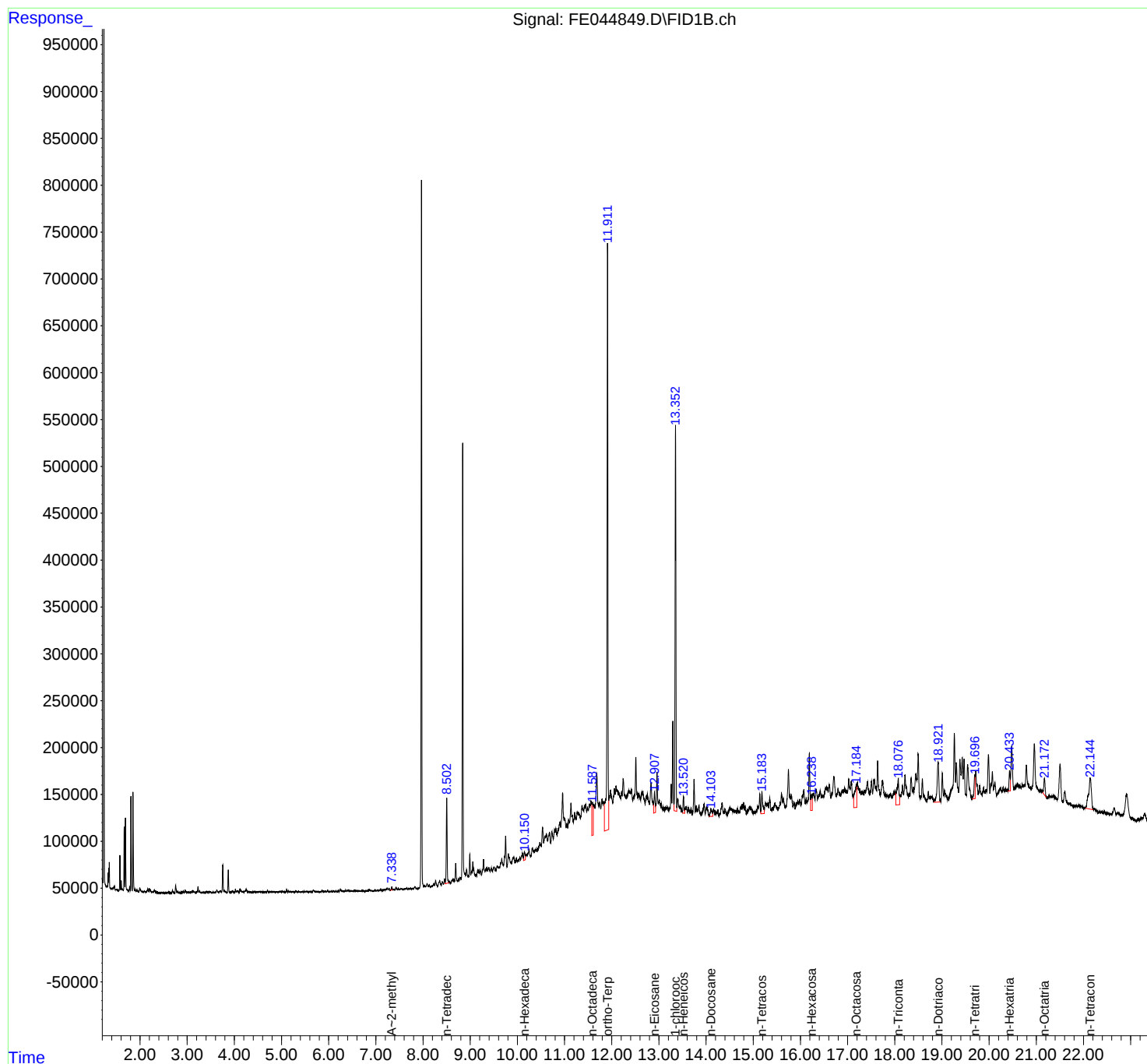
(f)=RT Delta > 1/2 Window

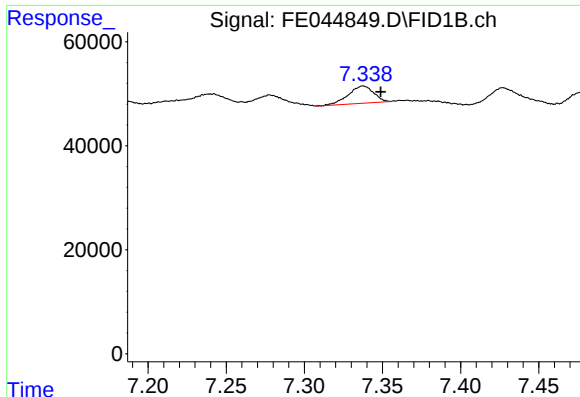
(m)=manual int.

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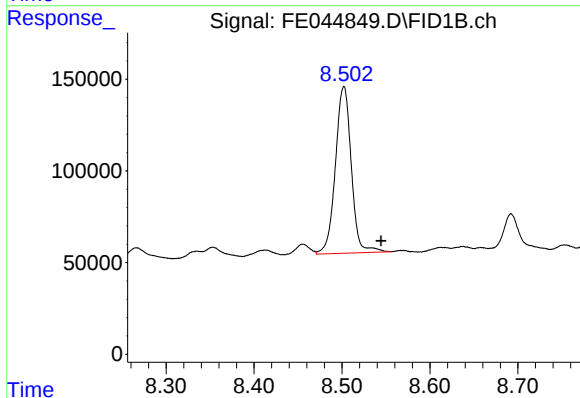
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





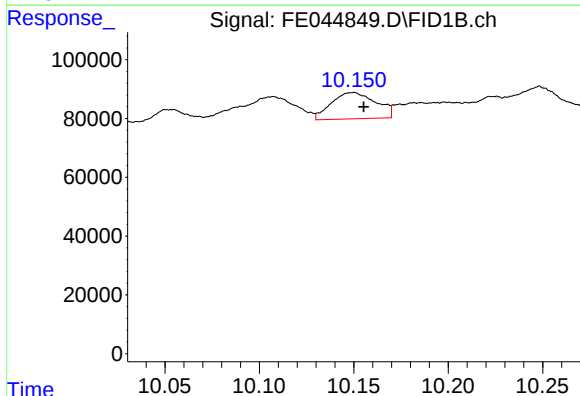
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 37186
Conc: 0.21 ug/ml



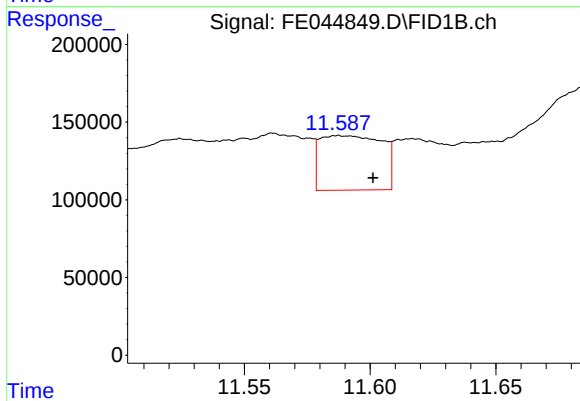
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.042 min
Response: 1141695
Conc: 6.66 ug/ml



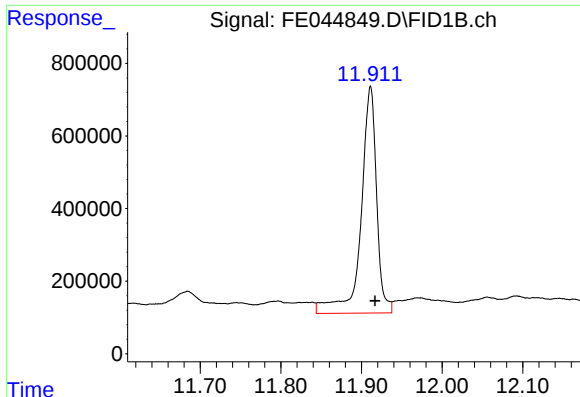
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.006 min
Response: 147097
Conc: 0.84 ug/ml



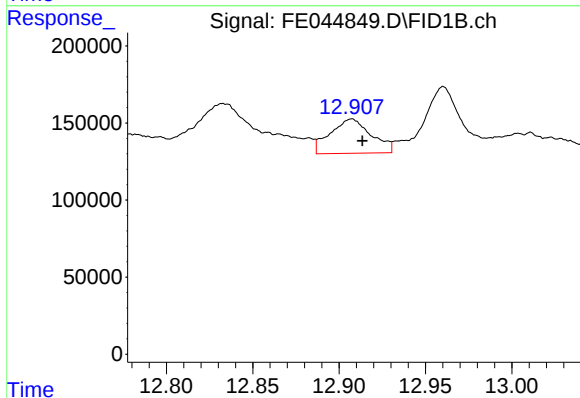
#8 n-Octadecane (C18)

R.T.: 11.587 min
Delta R.T.: -0.014 min
Response: 605066
Conc: 3.47 ug/ml



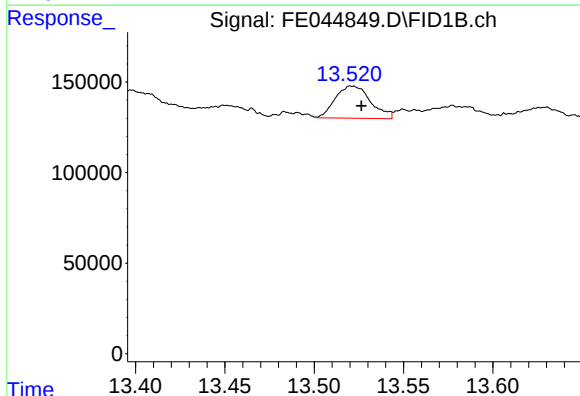
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.006 min
Response: 8430359
Conc: 42.05 ug/ml



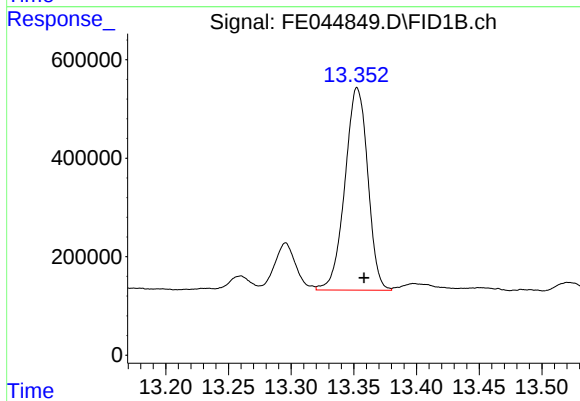
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: -0.006 min
Response: 368289
Conc: 2.20 ug/ml



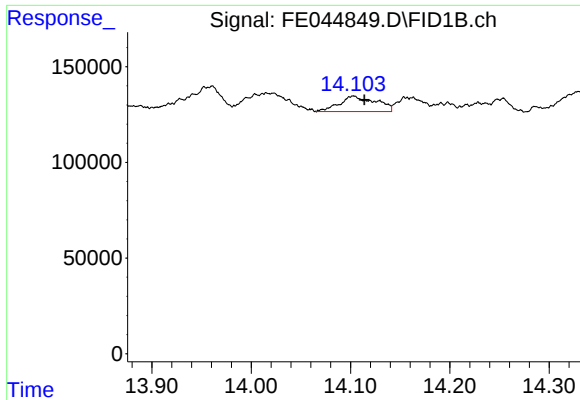
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.005 min
Response: 244704
Conc: 1.50 ug/ml



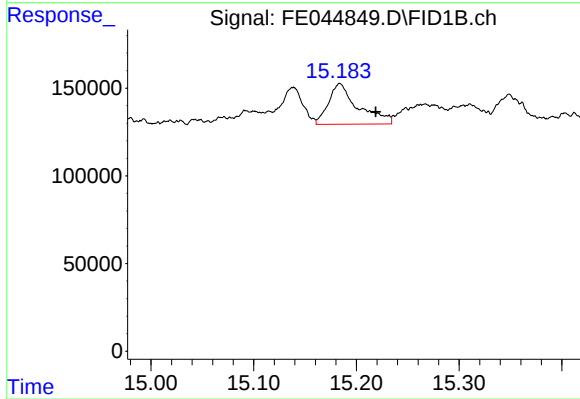
#12 1-chlorooctadecane (SURR)

R.T.: 13.353 min
Delta R.T.: -0.006 min
Response: 5214812
Conc: 35.24 ug/ml



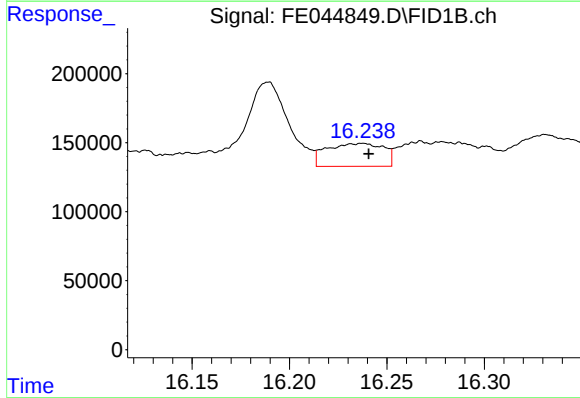
#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 205318
Conc: 1.28 ug/ml



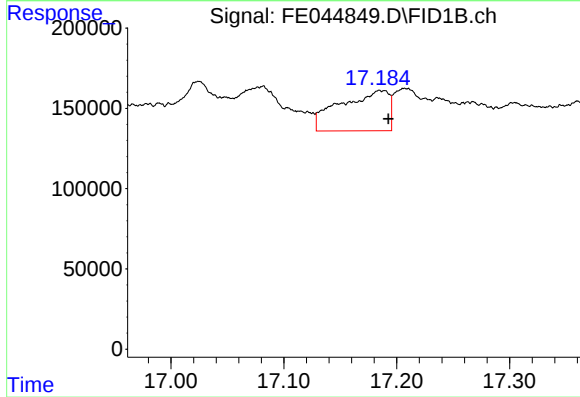
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.035 min
Response: 461612
Conc: 2.97 ug/ml



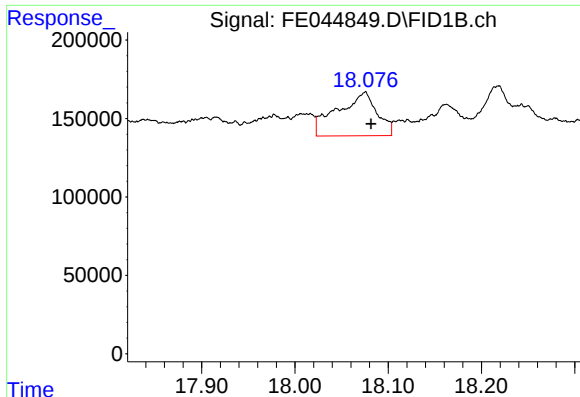
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.003 min
Response: 336496
Conc: 2.24 ug/ml



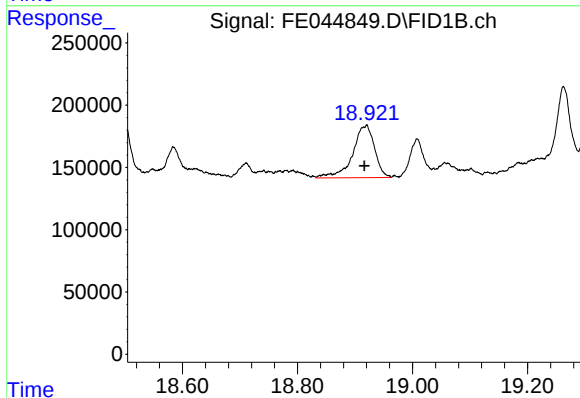
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.008 min
Response: 751457
Conc: 5.12 ug/ml



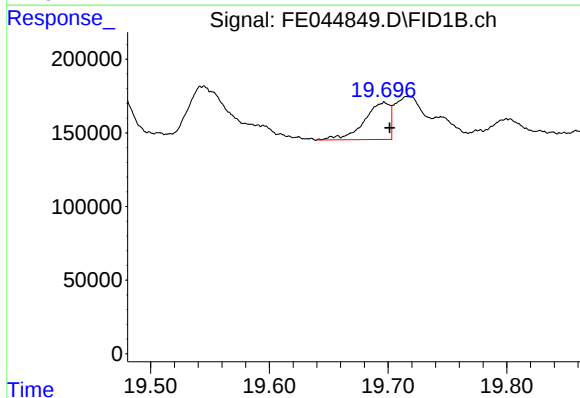
#17 n-Tricontane (C30)

R.T.: 18.075 min
Delta R.T.: -0.006 min
Response: 825061
Conc: 5.55 ug/ml



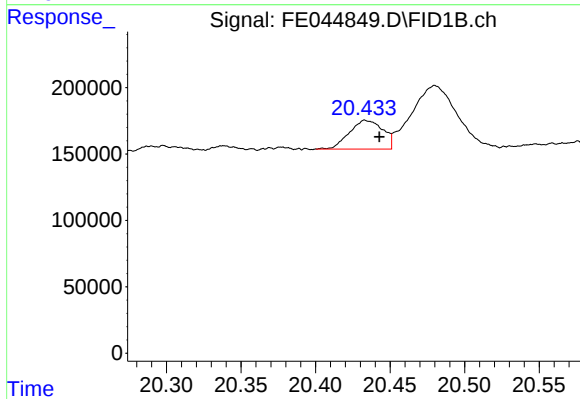
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.004 min
Response: 1112197
Conc: 7.41 ug/ml



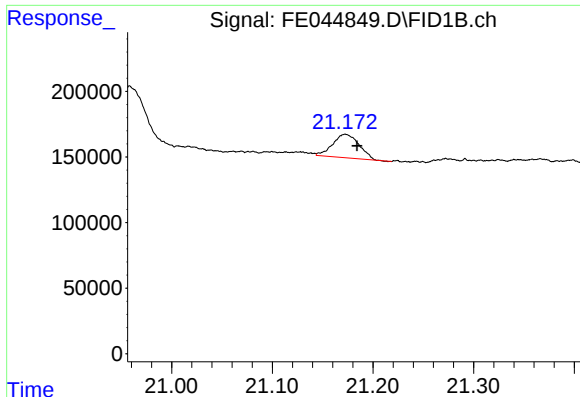
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.005 min
Response: 376499
Conc: 2.53 ug/ml



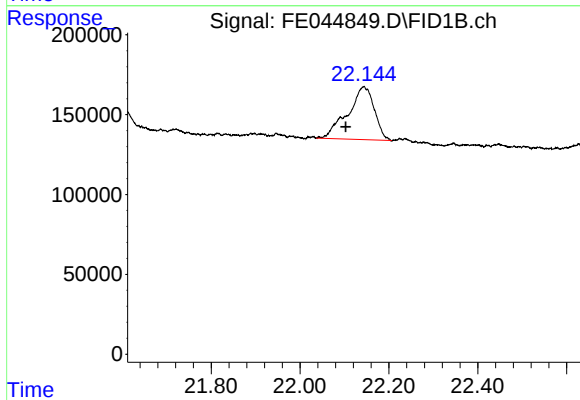
#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: -0.009 min
Response: 340054
Conc: 2.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.012 min
Response: 325952
Conc: 2.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: 0.040 min
Response: 1372428
Conc: 8.21 ug/ml